



5055 North Point Blvd. Baltimore, MD 21219  
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## SphereOX<sup>®</sup> Medium

**General Description:** SphereOX Medium is an economical, high purity synthetic iron oxide product developed and produced by Chesapeake Specialty Products, Inc.

SphereOX Medium is free from contaminants such as oil, moisture, acid salts, slag and gangue minerals.

### Physical and Chemical Properties:

Cumulative Weight Percent Retained		
Sieve	Specification	Typical
40	<5	0.1 – 4.0
50	No Specification	
70	5 Min	5.0 – 35.0
100	15 Min	15.0 – 50.0
140	40 Min	30.0 – 80.0
200	60 Min	60.0 – 90.0
270	80 Min	75.0 – 95.0

**Bulk Density:** 175 lbs/ft<sup>3</sup>

**Color:** Black

### **Typical Analysis:**

<u>Element</u>	<u>Weight %</u>
Fe	73.0
Fe <sub>3</sub> O <sub>4</sub> , FeO	98.0 <sup>+</sup>
C	0.09
Mn	0.74
P	0.009
S	0.01
Si	0.28

**Heavy Metals:** SphereOX Medium falls below the EPA threshold for the following heavy elements: As, Ba, Cd, Cr, Pb, Hg, Se, Ag, Nitrate.

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A Material Safety Data Sheet is available upon request.